

Title (en)
CLEANING DEVICE AND SWEEPING BRUSH FOR A CLEANING DEVICE

Title (de)
REINIGUNGSGERÄT UND KEHRBÜRSTE FÜR EIN REINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE ET BROSSE DE BALAYAGE POUR UN APPAREIL DE NETTOYAGE

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Application
EP 22168457 A 20220414

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Abstract (en)
[origin: CN116898348A] The invention relates to a cleaning device and to a cleaning brush for a cleaning device, comprising a base body, at least one connecting arm arranged on the base body, the base body defining an axis of rotation about which the cleaning brush can be rotated, and at least one cleaning head arranged on the connecting arm, the cleaning head being exchangeably fastened to the connecting arm of the cleaning brush, and/or wherein the cleaning head has a cleaning insert and a support body for the cleaning insert, wherein the cleaning insert is replaceably fastened to the support body. According to the invention, the cleaning brush can be driven over larger raised parts or obstacles without jamming, and/or the wear resistance of the cleaning brush can be improved or the service life of the cleaning brush can be prolonged without adversely affecting the cleaning efficiency.

Abstract (de)
Es werden eine Kehrbürste für ein Reinigungsgerät und ein Reinigungsgerät mit einer entsprechenden Kehrbürste vorgeschlagen, wobei ein Reinigungskopf austauschbar an einem Verbindungsarm der Kehrbürste befestigt ist und/oder wobei der Reinigungskopf einen Reinigungseinsatz und einen Träger für den Reinigungseinsatz aufweist, wobei der Reinigungseinsatz austauschbar am Träger befestigt ist.

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Citation (applicant)
• DE 102010037672 A1 20120322 - VORWERK CO INTERHOLDING [DE]
• DE 102017119216 A1 20190228 - VORWERK CO INTERHOLDING [DE]
• EP 3443863 A1 20190220 - MIELE & CIE [DE]

Citation (search report)
• [X] EP 2578125 A1 20130410 - SAMSUNG ELECTRONICS CO LTD [KR]
• [X] DE 102014006102 A1 20151029 - WEBER BÜRSTENSYSTEME GMBH [DE]
• [X] EP 3210494 A1 20170830 - WEBER BÜRSTENSYSTEME GMBH [DE]
• [AD] DE 102010037672 A1 20120322 - VORWERK CO INTERHOLDING [DE]
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